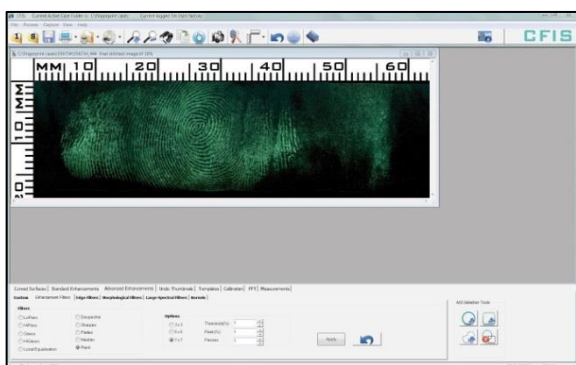


Fingerprints on Cylindrical Objects

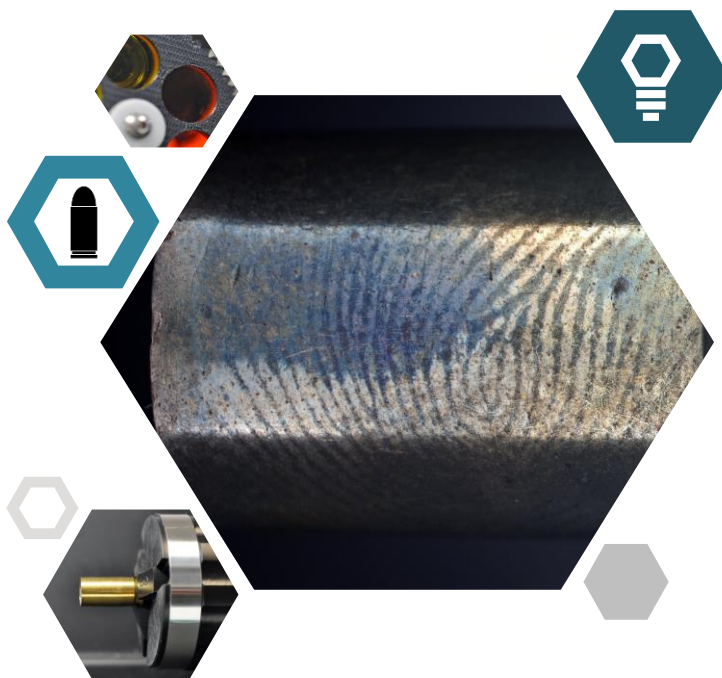
Cylindrical objects often pose a challenge when it comes to fingerprint imaging. The **curved surface** does not lend itself well for photography and subsequent images are often very difficult to piece together to reveal a complete print.

The **CERA LT** is a state of the art **optical system** capable of enhancing and capturing even the most difficult prints from **curved surfaces**, e.g. cartridge casings, cigarettes, syringes and lipsticks. The dedicated software then allows for images to be **stitched** with much greater precision than original methods, offering a far clearer, **complete print**. Ridge detail can also be enhanced further revealing **ridge bifurcation** and **endings**, as well as finer detail such as **sweat pores**.

The **CERA LT** software includes a full, protected **audit trail**, an important component in the support of any evidence.



CERA LT



“The CERA LT optical system provides superior imaging of the surface of the cartridge, including any corrosion”

DR JOHN BOND; Leicester University, UK



THE PROCESS

1. Place object in holding system
2. Illuminate for live view
3. Adjust lighting to reveal print
4. Photograph 360° in one click
5. Automatically stitch the images
6. Digitally enhance the image
7. Add a detailed scale
8. Output to 1:1 or AFIS/IDENT



SPECIFICATION

- Provided with dedicated computer and monitor
- Consolite Forensics Imaging Software (CFIS)
- Dimensions: (19" x 6" x 13")
- Weight: 8 Kgs (17 lbs.)
- Voltage: 110-250 Volts ac



UNIQUE OPTICAL SYSTEM

- Fully integrated high res camera
- LED cloud lighting system in pure white and 460nm blue
- 6 automated band pass filters
- Specialized enhancement software



AFTER SALES SUPPORT

Advice and a range of training packages are available worldwide from the Consolite Forensics Support Team.

HIGH POWER OPTICS

AUDIT TRAIL

LED LIGHTING

360° IMAGING SOFTWARE

DIGITAL SCALE

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